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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,023	12/04/2001	Jon R. Stieber	180009.91206A	8248
26710	7590	05/24/2005	EXAMINER	
QUARLES & BRADY LLP 411 E. WISCONSIN AVENUE SUITE 2040 MILWAUKEE, WI 53202-4497			YUN, EUGENE	
			ART UNIT	PAPER NUMBER
			2682	

DATE MAILED: 05/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/005,023

Applicant(s)

STIEBER ET AL.

Examiner

Eugene Yun

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 4/5/2005 has been entered.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 1 and 13^{are} rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

There is no indication in the specification that the newly added limitation of "said control unit also providing commands to the cash handling device for operation of the cash handling device without needing authorization from a remotely located network host computer" is taught by the applicant. In fact, the applicant's newly added limitation

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teaches away from the specification. In paragraph [0029] of the applicant's specification, it states that "security features, including authentication and encryption algorithms, can be used to secure communications between devices" which contradicts the newly added limitation.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Waller et al. (US 2001/0051922).

Referring to Claim 1, Waller teaches a networked cash management system, characterized by:

At least one cash handling device in the system for performing at least one of the operations of coin sorting, coin counting, note counting, note sorting and cash redemption (see paragraph [0057] where it is inherent that an ATM machine performs at least one of the above functions);

A system control unit 24 and 26 (fig. 1) for performing with respect to the cash handling device at least one of the operations of accounting for cash dispensing,

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providing for cash settlement, and monitoring maintenance information, (see paragraph [0009]) said control unit also providing commands to the cash handling device for operation of the cash handling device without needing authorization from a remotely located network host computer (see paragraphs [0011] and [0014] noting that the operation of monitoring maintenance information does not need the authorization of a remotely located device);

wherein said cash handling device and said system control unit communicate through a wireless communication network operating according to a standard for locally distributed wireless networks (see paragraph [0011] noting "local wireless technology"); and

wherein the locally distributed wireless network communicates directly without intermediate servers and within a range between the cash handling device and the control unit of no more than approximately 100 meters (see paragraph [0011]).

Referring to Claim 13, Waller teaches a wireless networked cash management system comprising:

A control unit including a radio frequency transceiver 24 and 26 (fig. 1); and

A cash handling device, the cash handling device including a radio frequency transceiver for communicating cash handling data and status data to the control unit (see paragraphs [0011] and [0014]);

wherein the transceivers communicate directly with each other without the assistance of servers and wherein the transceivers communicate within a range of no more than approximately 100 meters (see paragraph [0011]); and

wherein the system control unit performs at least one of the operations of cash dispensing, providing for cash settlement and monitoring maintenance information without needing authorization from a remotely located network host computer (see paragraphs [0011] and [0014] noting that the operation of monitoring maintenance information does not need the authorization of a remotely located device).

Referring to Claims 2, 16 and 19, Waller also teaches a coin handling device for performing at least one of the operations of coin sorting and totalizing, coin counting and cash redemption (see paragraph [0021]).

Referring to Claim 3, Waller teaches a currency handling device for performing at least one of the operations of note sorting, note counting and cash redemption, wherein said currency handling device and said control unit communicate through the wireless communication network (see paragraph [0021]).

Referring to Claim 4, Waller also teaches the cash handling device as a currency handling device for performing at least one of the operations of note sorting and totalizing, note counting and cash redemption (see paragraph [0021]).

Referring to Claim 5 and 18, Waller also teaches at least one I/O device selected from a group consisting of: a printer, a scanner, a visual display, a keyboard, a cell phone, a pager, a personal digital assistant and a personal computer (see paragraph [0009]).

Referring to Claim 6, Waller also teaches the system control unit electrically connected to a second network selected from a group consisting of: the Internet, an intranet, a LAN and a WAN (see paragraph [0067]).

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Referring to Claim 7, Waller also teaches the second network utilizing at least one of a telephone dial-up modem, a digital satellite link modem and a broadband cable modem (see paragraph [0073]).

Referring to Claim 8, Waller also teaches operation according to the Bluetooth specification (see paragraph [0011]).

Referring to Claim 9, Waller also teaches operation according to the RS-232 protocol (see paragraph [0070]).

Referring to Claim 10, Waller also teaches operation in a frequency hopping, spread spectrum range of frequencies in a range from 2.4 GHz to 2.56 GHz (see paragraph [0011]).

Referring to Claim 12, Waller also teaches operation in a piconet distinguished from other networks by a selected frequency hopping sequence (see paragraph [0009]).

Referring to Claim 14, Waller also teaches a Bluetooth radio (see paragraph [0009]).

Referring to Claims 11 and 15, Waller also teaches operation in the infrared frequency range according to the IrDA standard (see paragraph [0011]).

Referring to Claim 17, Waller also teaches the control unit comprising a computer (see paragraph [0009]).

Response to Arguments

- 6.** Applicant's arguments filed 3/11/2005 have been fully considered but they are not persuasive.

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In addition to the examiner's claim that the newly added amendment consists of new matter, the examiner also believes that the Waller reference still reads on the applicant's claims. First of all, it is now clear by citation of paragraphs such as [0011] and [0057] that the reference teaches a system control unit and a cash handling device communicating with each other when the system control unit is in the vicinity of the device including a distance of 100 meters or less. There is no indication that the system control unit cannot be a PDA or cell phone.


Second of all, the first embodiment of Waller's invention, shown in paragraphs [0008]-[0014] and cited in most limitations of the above claims, never indicates that authorization from a remotely located device is needed to perform an operation on the cash handling device by a system control unit.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (571) 272-7860. The examiner can normally be reached on 9:00am-6:00pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (571) 272-7848. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Eugene Yun
Examiner
Art Unit 2682

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